

## INTERNATIONAL SEARCH REPORT

PCT/ 03/04508

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03D3/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03D H03L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 459 653 A (J. SETO) 17 October 1995 (1995-10-17) column 2, line 61 -column 4, line 50; claim 10; figure 4B -----	1,7
Y	EP 0 645 891 A (SGS THOMSON MICROELECTRONICS LTD) 29 March 1995 (1995-03-29) column 2, line 30 -column 5, line 40; figures 1,2 -----	1,7
A	US 6 404 294 B1 (I. SHA) 11 June 2002 (2002-06-11) column 3, line 21 -column 5, line 4; figures 5,7,8 ----- -/-	1,7

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

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- \*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

15 March 2004

23/03/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 757 433 A (SGS THOMSON MICROELECTRONICS S.A.) 5 February 1997 (1997-02-05) column 5, line 6 - line 32 column 6, line 4 - line 39 column 7, line 24 -column 8, line 50; figures 1-3 -----	1,7
A	EP 1 244 215 A (BROADCOM CORP.) 25 September 2002 (2002-09-25) column 8, line 34 -column 12, line 22; figures 3-8 -----	1,7

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